

What is claimed is:

- 1 1. A supervisory monitoring and controlling system in data
2 transmission system comprising:
3 a WEB browser to display information about supervision on
4 a monitored object to be supervised;
5 a supervisory monitoring and controlling unit to produce
6 information about supervision and control on said monitored
7 object to be supervised and to feed said information to said WEB
8 browser; and
9 wherein said supervisory monitoring and controlling unit
10 has at least one WEB application server to produce said
11 information about the supervision and control on said monitored
12 object to be supervised as the information being able to be
13 displayed by said WEB browser, and at least one supervisory
14 information management server to collect and manage said
15 information about the supervision and control on said monitored
16 object to be supervised and to feed it to said WEB application
17 server, and wherein said WEB application server and said
18 supervisory information management server are physically
19 separated.
- 1 2. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 1, wherein a Java™ RMI
3 (Remote Method Invocation) interface is connected between said
4 WEB application server and said supervisory information
5 management server.
- 1 3. The supervisory monitoring and controlling system in data

2 transmission system according to Claim 1, wherein a plurality of
3 said WEB application servers is placed depending on a scale of
4 said monitored object to be supervised.

1 4. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 1, wherein a plurality of
3 said supervisory information management servers is placed
4 depending on a scale of said monitored object to be supervised.

1 5. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 4, wherein said monitored
3 object to be supervised is of a two or more layered structure and
4 said plurality of said supervisory information management servers
5 are so configured as to manage, in a shared manner, the supervisory
6 monitoring and controlling information corresponding to each of
7 layers making up said layered structure.

1 6. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 1, wherein exchange of
3 information between said WEB application server and said WEB
4 browser is carried out by an HTTP (Hyper Text Transfer Protocol).

1 7. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 1, wherein exchange of
3 information between said supervisory information management
4 server and said monitored object to be supervised is carried out
5 by a TCP / IP (Transmission Control Protocol / Internet Protocol).

1 8. The supervisory monitoring and controlling system in data

2 transmission system according to Claim 1, wherein said WEB browser
3 is a browser for a mobile terminal and said WEB application server
4 is so configured as to produce information being able to be
5 displayed by said browser for said mobile terminal.

1 9. A supervisory monitoring and controlling system in data
2 transmission system comprising:

3 a WEB browser to display information about supervision on
4 a monitored object to be supervised;

5 supervisory monitoring and controlling means to produce
6 information about supervision and control on said monitored
7 object to be supervised and to feed said information to said WEB
8 browser; and

9 wherein said supervisory monitoring and controlling means
10 has at least one WEB application means to produce said information
11 about the supervision and control on said monitored object to be
12 supervised as the information being able to be displayed by said
13 WEB browser, and at least one supervisory information management
14 means to collect and manage said information about the supervision
15 and control on said monitored object to be supervised and to feed
16 it to said WEB application means, and wherein said WEB application
17 means and said supervisory information management means are
18 physically separated.

1 10. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 9, wherein a JavaTM RMI
3 (Remote Method Invocation) interface is connected between said
4 WEB application means and said supervisory information management
5 means.

1 11. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 9, wherein a plurality of
3 said WEB application meanss is placed depending on a scale of said
4 monitored object to be supervised.

1 12. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 9, wherein a plurality of
3 said supervisory information management meanss is placed
4 depending on a scale of said monitored object to be supervised.

1 13. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 12, wherein said monitored
3 object to be supervised is of a two or more layered structure and
4 said plurality of said supervisory information management meanss
5 are so configured as to manage, in a shared manner, the supervisory
6 monitoring and controlling information corresponding to each of
7 layers making up said layered structure.

1 14. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 9, wherein exchange of
3 information between said WEB application means and said WEB
4 browser is carried out by an HTTP (Hyper Text Transfer Protocol).

1 15. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 9, wherein exchange of
3 information between said supervisory information management
4 means and said monitored object to be supervised is carried out
5 by a TCP / IP (Transmission Control Protocol / Internet Protocol).

1 16. The supervisory monitoring and controlling system in data
2 transmission system according to Claim 9, wherein said WEB browser
3 is a browser for a mobile terminal and said WEB application means
4 is so configured as to produce information being able to be
5 displayed by said browser for said mobile terminal.